REPORT NO.77-3-15

FOREST INSECT AND DISEASE MANAGEMENT UNIT
U.S. FOREST SERVICE
DORAVILLE, GEORGIA

REPORT OF AERIAL DETECTION SURVEY

LAND OWNERSHIP OR SURVEY AREA: Great Smoky Mountains National Park

STATE: Tennessee-North Carolina COUNTY:

AREA WITHIN SURVEY BOUNDARY: 516,800 acres DATE: March 10, 1977

PERCENT COVERAGE: 50% AIRCRAFT: Cessna 182 CREW: R. F. Bassett
John Ghent

SURVEY OBJECTIVES: To determine if southern pine beetle activity was occurring in the Great Smoky Mountains National Park.

SURVEY RESULTS

The only southern pine beetle activity was located just north of Lake Fontana.

Infestation Size (# Trees)									
2-5		6-20		21-50		50+		Total	
Spots	Trees	Spots	Trees	Spots	Trees	Spots	Trees	Spots	Trees
3	8	3	40	0	0	0	0	6 =	48

SUMMARY

The relatively small number and size of beetle spots indicate a low level of beetle activity on the Great Smoky Mountains National Park.

For any additional information, Contact:
Forest Insect and Disease Management Unit
Southeastern Area, State & Private Forestry
Northgate Office Park, Room 2103
Doraville, Georgia 30340
Telephone 404-221-4796